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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Isamu KUROKAWA, Hiroaki NAKANISHI, Junichi MUTO, Hisaharu TAKEUCHI and
Masahiro KAWAGUCHI

Serial No: Not assigned

Filed: July 28, 2003

For: INFORMATION PROCESSING SYSTEM

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

Customer Number

000026021



Transmitted herewith for filing is the patent application identified above.

7 sheet(s) of drawings (formal informal) is(are) enclosed.
 28 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
 An assignment of the invention to HITACHI, LTD. is enclosed will follow.
 An associate power of attorney is enclosed will follow.
 Applicant claims small entity status. See 37 CFR 1.27.
 Declaration and Power of Attorney is enclosed will follow.
 A certified copy of Japanese Patent Application No. 2002-240719 filed August 21, 2002 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
 IDS enclosed (with 5 reference(s)).
 Preliminary Amendment is enclosed.
 Application data sheet is enclosed. See 37 CFR 1.76.
 Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS	NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	24	-20	LG=\$18 SM=\$9	\$18	72
B INDEPENDENT CLAIMS FEE*	2	-3	LG=\$64 SM=\$42	\$84	\$ 0
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					72
D MULTIPLE-DEPENDENT CLAIMS FEE			LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
E BASIC FEE			LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375		\$ 750
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 822
G ASSIGNMENT RECORDATION FEE				\$ 40	\$ 40

*LIST INDEPENDENT CLAIMS 1 and 13

Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
 A check in the amount of \$ 822.00 to cover the filing fee is enclosed.
 A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
 The Commissioner hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
 Any additional filing fees required under 37 C.F.R. 1.16
 Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted
HOGAN & PARSON

By:

Anthony J. Oler
Registration No. 41,232
Attorney for Applicant(s)

Date: July 28, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Isamu KUROKAWA et al.

Serial No: Not assigned

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Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

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Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$ 822.00 as filing fee
- patent application (28 page(s) of specification; 24 claim(s); 1 page(s) of abstract
- 7 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to HITACHI, LTD.
- certified copy of Japanese patent application No. 2002-240719 which was filed August 21, 2002 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 5 references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Date: July 28, 2003

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Roeshene Carbonilla

Name of person mailing papers

R.M. Carbonilla

Signature